

AMENDMENTS TO THE CLAIMS:

1-10. (Cancelled)

11. (Currently amended) Structured pre-form bodies forming a panel lining adapted to be mounted on a wall in a room for wide-band sound absorption, each of said structured pre-form bodies comprising:

a base layer; and

columns positioned directly in front of or on the base layer ~~and having a non-symmetrical distribution of height and cross-section,~~ each column array having no symmetry,

wherein the structured pre-form bodies define a wide-band tuned moderator ~~gap~~ gaps,

wherein a column height corresponds approximately to the thickness of said base layer,

wherein the structured pre-form bodies comprise open-cell foam material having a rigid framework co-vibrating in a resonant manner at low frequencies,

wherein each column in each of said structured pre-form bodies has a one-side bevel cut on a side of the column adapted to face the room, and

wherein ~~said~~ each moderator gap has a one-side bevel cut on its base side.

12. (Previously presented) Structured pre-form bodies according to Claim 11, wherein at least part of said open-cell foam material comprises a melamine resin.

13. (Cancelled)

14 (Previously presented) Structured pre-form bodies according to Claim 11, wherein bevel cuts on the sides of the columns adapted to face the room are configured to alternate in at least one of a vertical or a horizontal direction.

15. (Previously presented) Structured pre-form bodies according to Claim 11, wherein said bevel cut on the side of the column adapted to face the room is shortened and flattened by up to 30 mm.

16. (Previously presented) Structured pre-form bodies according to Claim 11, wherein said bevel cut on the side of the column adapted to face the room has an angle of roughly 35° relative to a plane of a wall.

17. (Previously presented) Structured pre-form bodies according to Claim 11, further comprising an acoustically transmissive cover made of non-woven or woven material or soft cellular material supported on a plane of said bevel cut on the side of the column adapted to face the room.

18. (Previously presented) Structured pre-form bodies according to Claim 11, further comprising perforated panels in front of said pre-form bodies for mechanical protection, which are fastened to a wall by spacers.

19. (Previously presented) Structured pre-form bodies according to Claim 11, wherein said pre-form bodies are self-supporting due to at least one of their material or shape.

20. (Previously presented) Structured pre-form bodies according to Claim 11, wherein said base layer is fastened on a rear side to vibrating metal sheets of a composite panel resonator by an adhesive bond, with a lateral spacing of roughly 200 mm being provided between said vibrating metal sheets.

21. (Previously presented) A panel lining comprising the structured pre-form bodies according to Claim 11.

22. (New) A structured pre-form body usable in forming a panel lining adapted to be mounted on a wall in a room for wide-band sound absorption comprising:

a base layer; and

a pair of columns positioned directly in front of or on the base layer and sharing a common corner, each of the pair

of columns including a lateral side extending from said common corner and partially defining, together with a lateral side of the other of the pair of columns extending from said common corner, a wide-band tuned moderator gap;

wherein a column height corresponds approximately to the thickness of said base layer,

wherein the structured pre-form body comprises open-cell foam material having a rigid framework co-vibrating in a resonant manner at low frequencies,

wherein each column in said structured pre-form body has a one-side bevel cut on a side of the column adapted to face the room, and

wherein said moderator gap has a one-side bevel cut on its base side.

23. (New) The structured pre-form body according to Claim 22, wherein at least part of said open-cell foam material comprises a melamine resin.

24. (New) The structured pre-form body according to Claim 22, wherein bevel cuts on the sides of the columns adapted to face the room are configured to alternate in at least one of a vertical or a horizontal direction.

25. (New) The structured pre-form body according to Claim 22, wherein said bevel cut on the side of the column

adapted to face the room is shortened and flattened by up to 30 mm.

26. (New) The structured pre-form body according to Claim 22, wherein said bevel cut on the side of the column adapted to face the room has an angle of roughly 35° relative to a plane of a wall.

27. (New) The structured pre-form body according to Claim 22, further comprising an acoustically transmissive cover made of non-woven or woven material or soft cellular material supported on a plane of said bevel cut on the side of the column adapted to face the room.

28. (New) The structured pre-form body according to Claim 22, further comprising perforated panels in front of said pre-form body for mechanical protection, which are fastened to a wall by spacers.

29. (New) The structured pre-form body according to Claim 22, wherein said pre-form body is self-supporting due to at least one of its material or shape.

30. (New) The structured pre-form body according to Claim 22, wherein said base layer is fastened on a rear side to vibrating metal sheets of a composite panel resonator by an

adhesive bond, with a lateral spacing of roughly 200 mm being provided between said vibrating metal sheets.

31. (New) A panel lining comprising the structured pre-form body according to Claim 22.